Elab Fluor® Violet 540 Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997T3

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

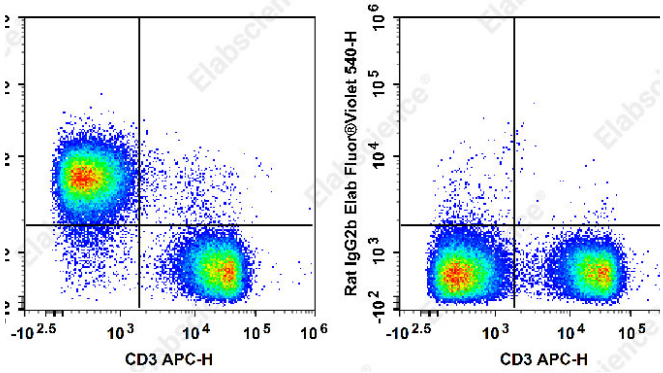
Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	2.4G2
Isotype Control	Elab Fluor® Violet 540 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842T3]
Conjugation	Elab Fluor®Violet 540
Conjugation Information	Elab Fluor®Violet 540 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of C57BL/6 murine splenocytes with APC Anti-Mouse CD3 Antibody[17A2] and Elab Fluor® Violet 540 Anti-Mouse CD16/32 Antibody[2.4G2](left) or Elab Fluor® Violet 540 Rat IgG2b, κ Isotype Control(right). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CD16a/b;CD32;CD32A/B;FCG2A;FCGR2A/BFCGR3;FCGR3A/B;Fc fragment of IgG low affinity IIIa/b receptor;Fc fragment of IgG low affinity IIIb receptor;Fc fragment of IgG low affinity IIa/b receptor;Fc gamma RIIa/b;Fc gamma receptor III A/B;FcGR

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Uniprot ID	P08508;P08101
Gene ID	14130;14131
Background	CD16 is low affinity IgG Fc receptor III (FcR III) and CD32 is FcR II. CD16/CD32 are expressed on B cells, monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind antibody-antigen immune complexes and mediate adaptive immune responses.

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